

First Response
Claims

1. (Currently amended) An electrical assembly comprising:
a lower housing,
a circuit board mounted in the lower housing,
an insulator block mounted on a and in contact with an upper surface
of the circuit board holding a plurality of electrically conductive terminals so that the
terminals have contact heads extending above a top surface of the insulator block and
connector trails extending below a bottom surface of the insulator block and attached
to circuit board,
a face seal above the insulator block so that contact heads of the
terminals extends through the face seal, and
an upper housing having an upstanding shroud, and
means to attach the upper housing to the lower housing to that the
contact heads of the terminals are disposed within the shroud and the face seal is
compressed between the top surface of the insulator block and a lower surface of the
upper housing.
2. (Currently amended) The electrical assembly as defined in claim 1
wherein the shroud has an outer periphery and the insulator block has an outer
periphery that is smaller than the outer periphery of the shroud ~~spaced inwardly~~.
3. (Original) The electrical assembly as defined in claim 2 wherein
the smaller outer periphery of the insulator block provides a space beneath the upper
housing for attaching electrical and/or electronic components to the circuit board
adjacent the insulator block.
4. (Original) The electrical assembly as defined in claim 2 wherein
the smaller outer periphery of the insulation block is spaced inwardly of the outer
periphery of the shroud.

5. (Original) The electrical assembly as defined in claim 3 wherein the smaller outer periphery of the insulation block is spaced inwardly of the outer periphery of the shroud.

6. (Original) The electrical assembly as defined in claim 1 wherein the means to attach the upper housing includes the upper housing being attached to the insulator block.

7. (Original) The electrical assembly as defined in claim 1 wherein the means to attach the upper housing includes the upper housing being attached to the lower housing.

8. (Currently amended) An electrical assembly comprising:
a lower housing,
a circuit board mounted in the lower housing,
an insulator block mounted on a and in contact with an upper surface of the circuit board holding a plurality of electrically conductive terminals so that the terminals have contact heads extending above a top surface of the insulator block and connector tails extending below a bottom surface of the insulator block and attached to circuit board, and
an upper housing having an upstanding shroud,
means to attach the upper housing to the lower housing so that the contact heads of the terminals are disposed within the shroud, and
the shroud having an outer periphery and the insulator block having an outer periphery that is smaller than the outer periphery of the shroud.

9. (Original) The electrical assembly in claim 8 wherein the smaller outer periphery of the insulator block provides a space beneath the upper housing for attaching electrical and/or electronic components to the circuit board adjacent the insulator block.

10. (Original) The electrical assembly as defined in claim 8 wherein the smaller outer periphery of the insulation block is spaced inwardly of the outer periphery of the shroud.

11. (Original) The electrical assembly as defined in claim 9 wherein the smaller outer periphery of the insulation block is spaced inwardly of the outer periphery of the shroud.

12. (Original) The electrical assembly as defined in claim 8 wherein the means to attach the upper housing includes the upper housing being attached to the insulator block.

13. (Original) The electrical assembly as defined in claim 8 wherein the means to attach the upper housing includes the upper housing being attached to the lower housing.

14. (Currently amended) An electrical assembly ~~as defined in claim 8~~ comprising:

a lower housing,

a circuit board mounted in the lower housing,

an insulator block mounted on a and in contact with an upper surface of the circuit board holding a plurality of electrically conductive terminals so that the terminals have contact heads extending above a top surface of the insulator block and connector tails extending below a bottom surface of the insulator block and attached to circuit board,

a face seal above the insulator block so that contact heads of the terminals extend through the face seal, and

an upper housing having an upstanding shroud,

the upper housing being attached to the insulator block so that the contact heads of the terminals are disposed within the shroud and the face seal is compressed between a top surface of the insulator block and a lower surface of the upper housing,

the upper housing being attached to the lower housing, and

the shroud having an outer periphery and the insulator block having an outer periphery that is smaller than the outer periphery of the shroud.